

6670229 sheet 1 of 2

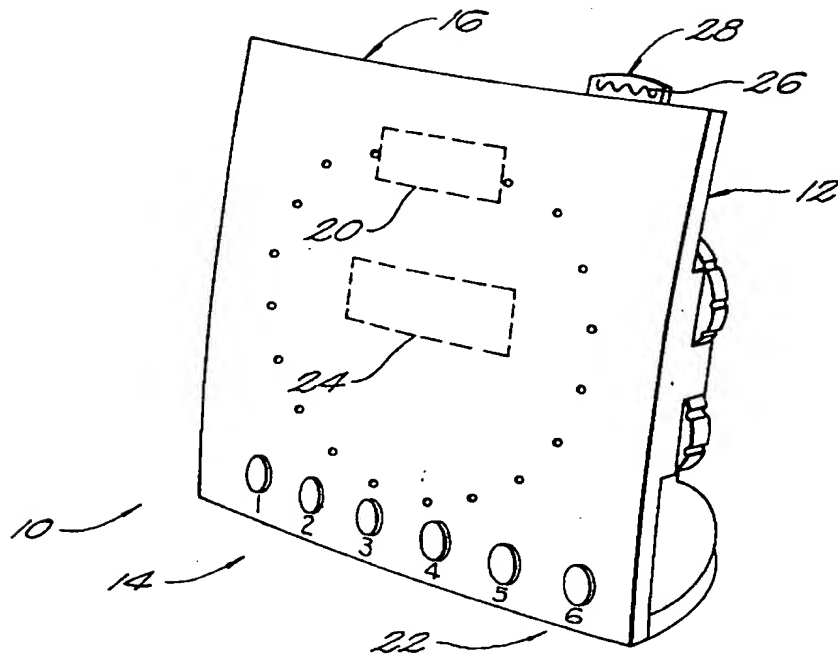


FIG. 1A

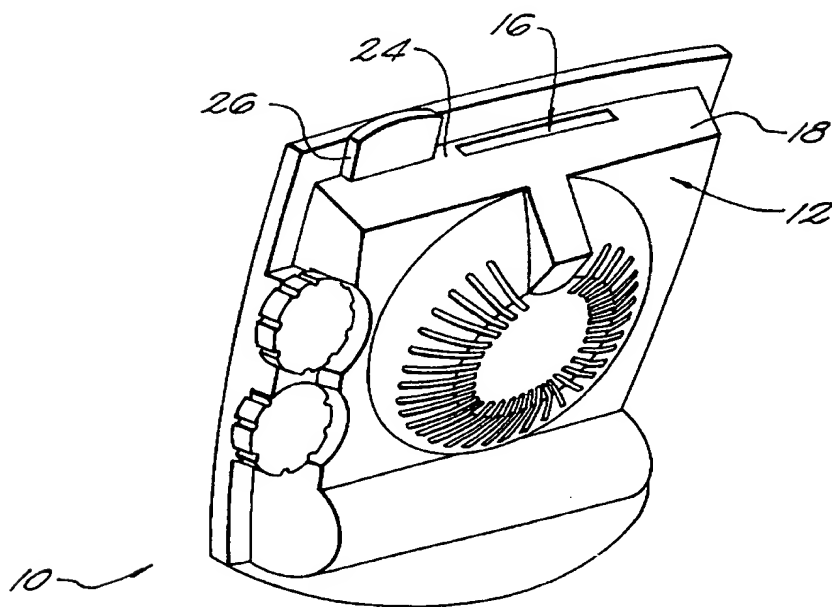


FIG. 1B

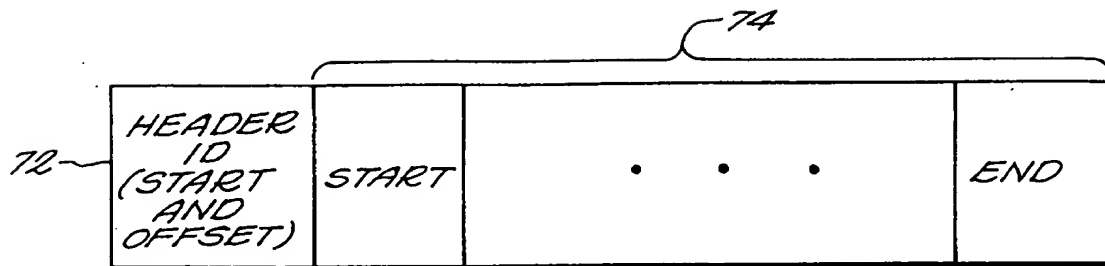


FIG. 3A

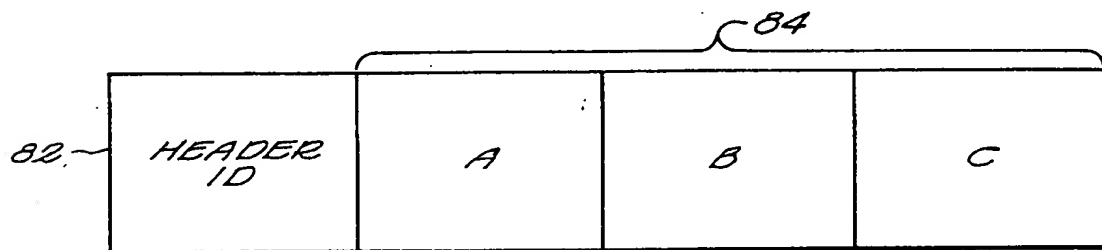


FIG. 3B

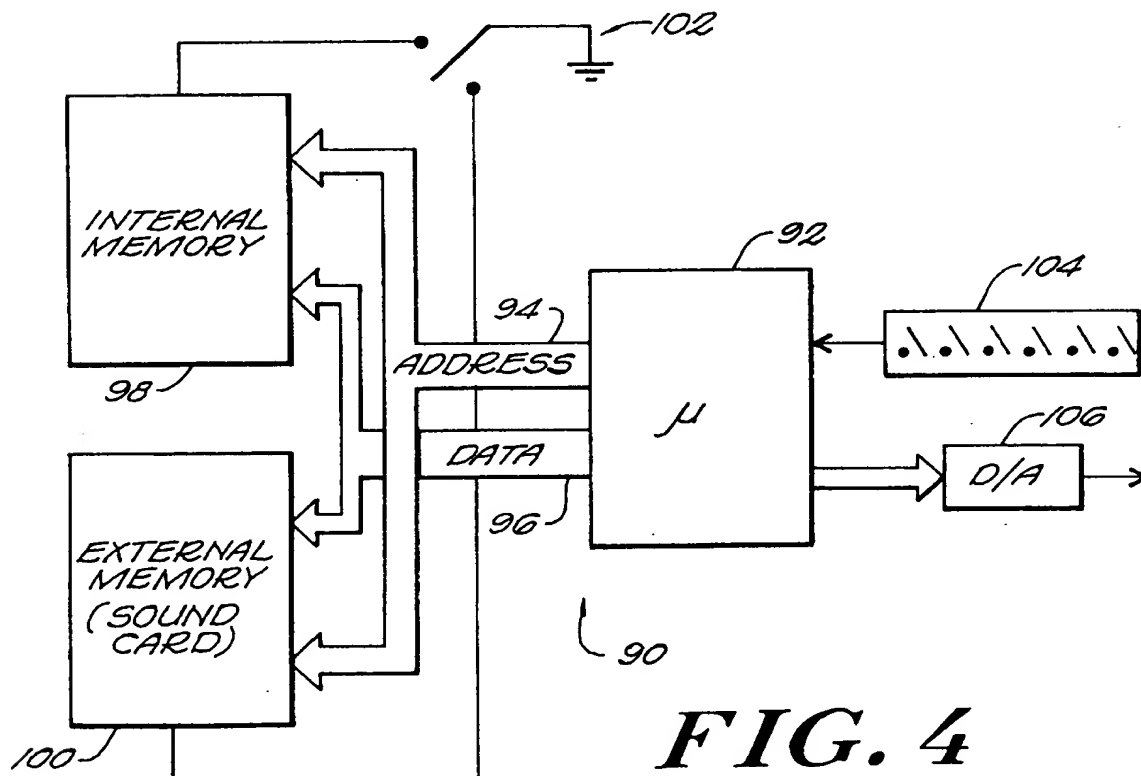


FIG. 4

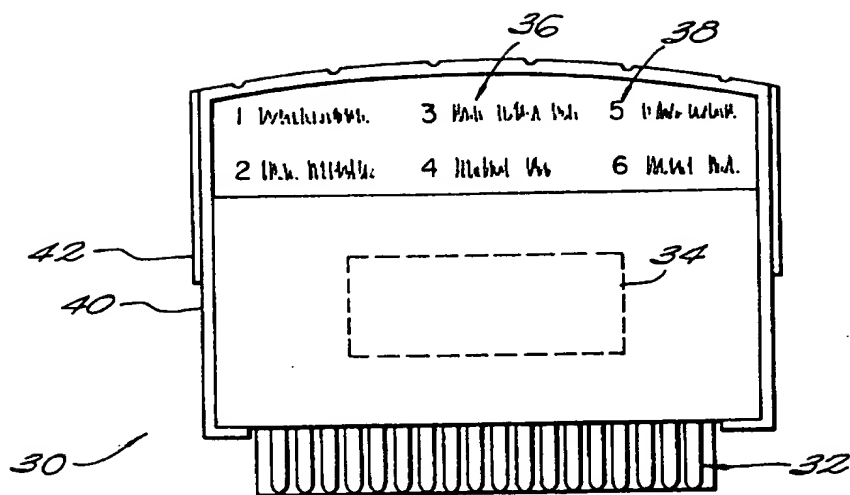


FIG. 2

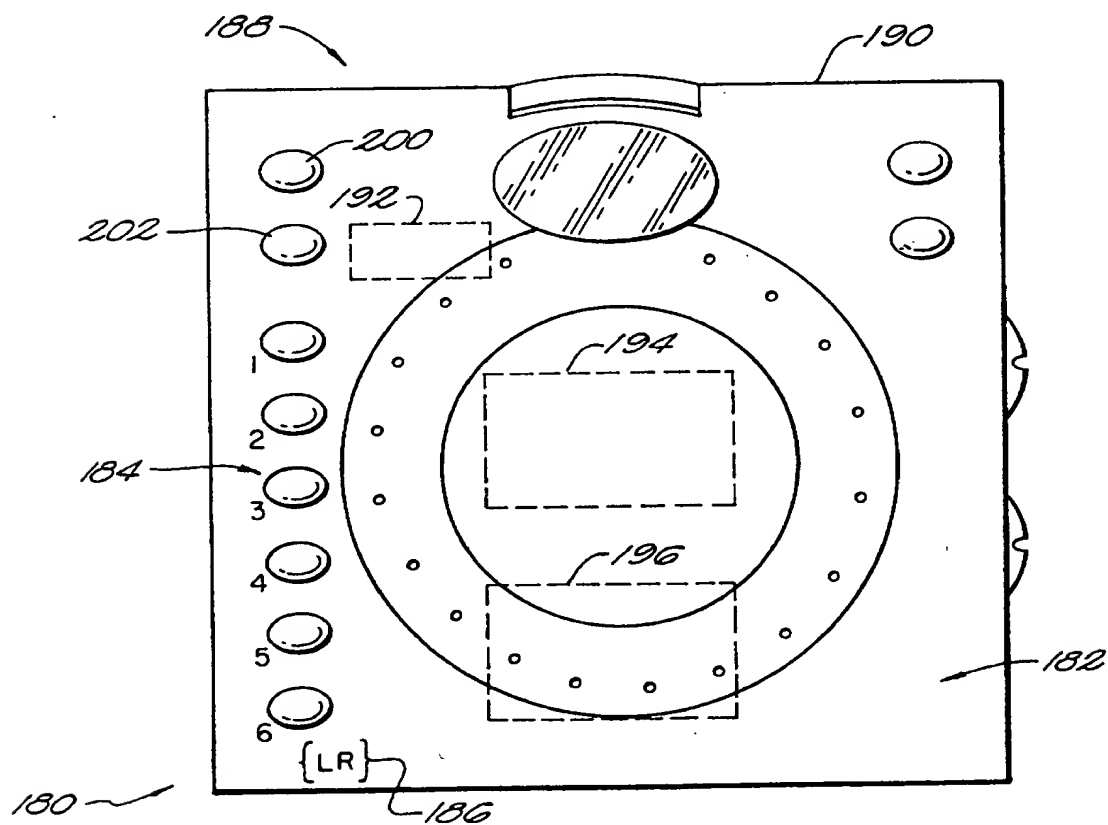


FIG. 8

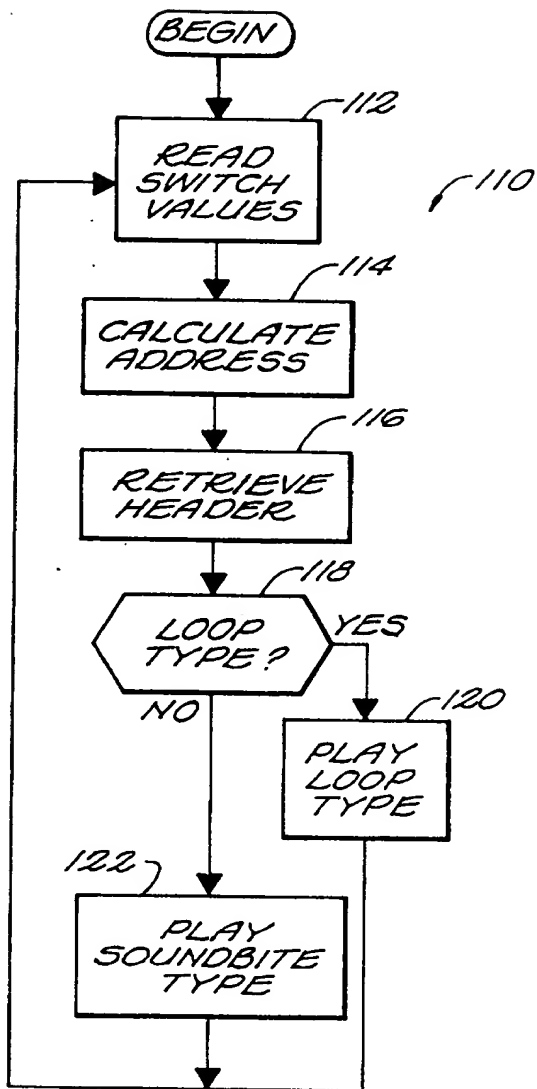


FIG. 5

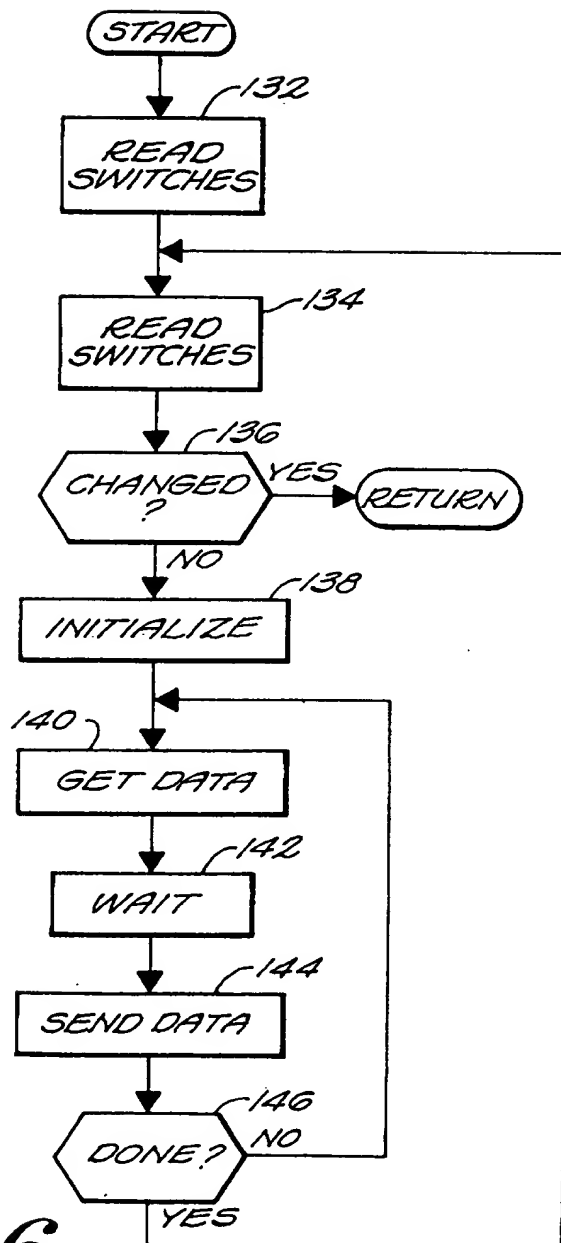


FIG. 6

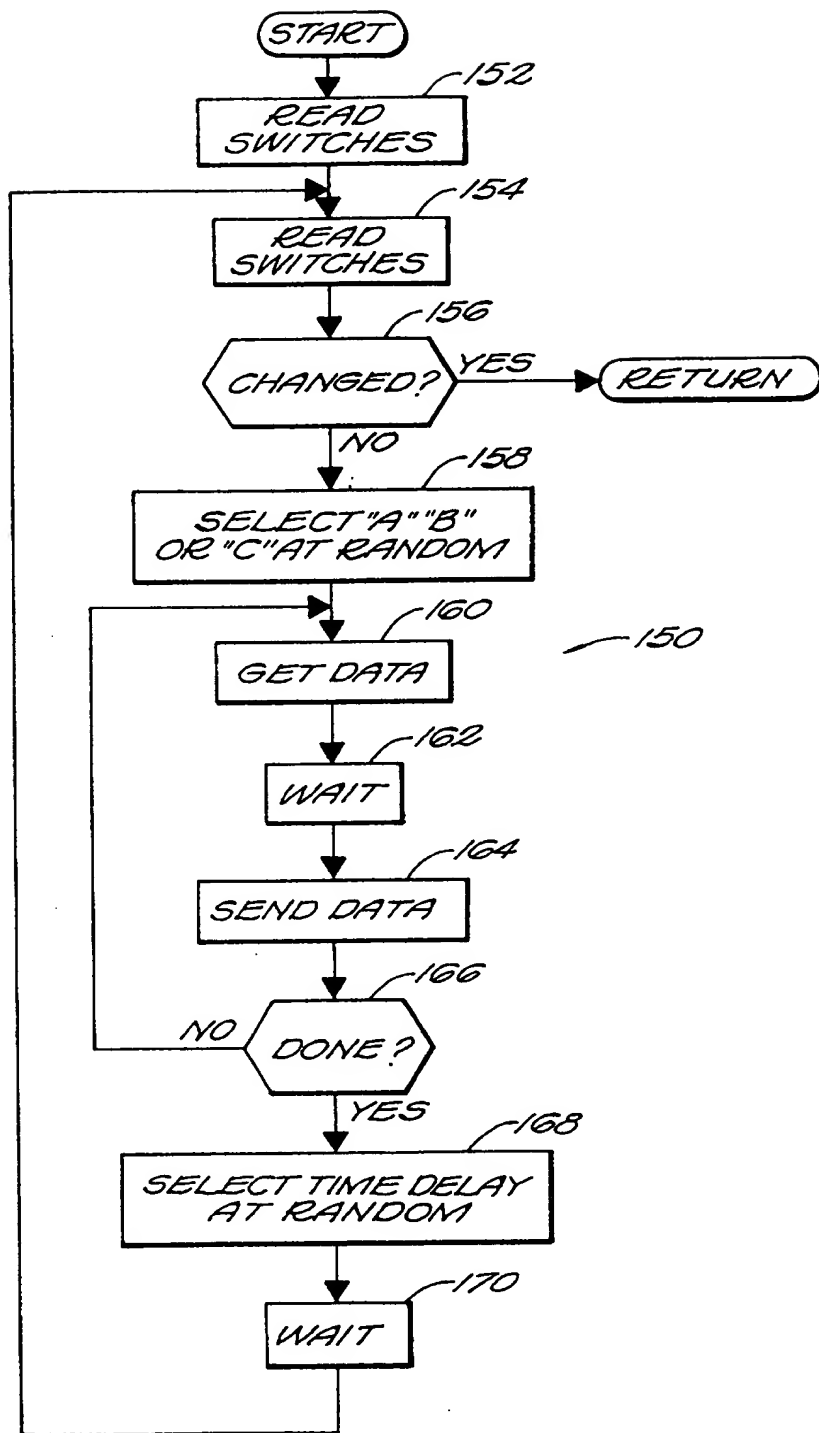


FIG. 7

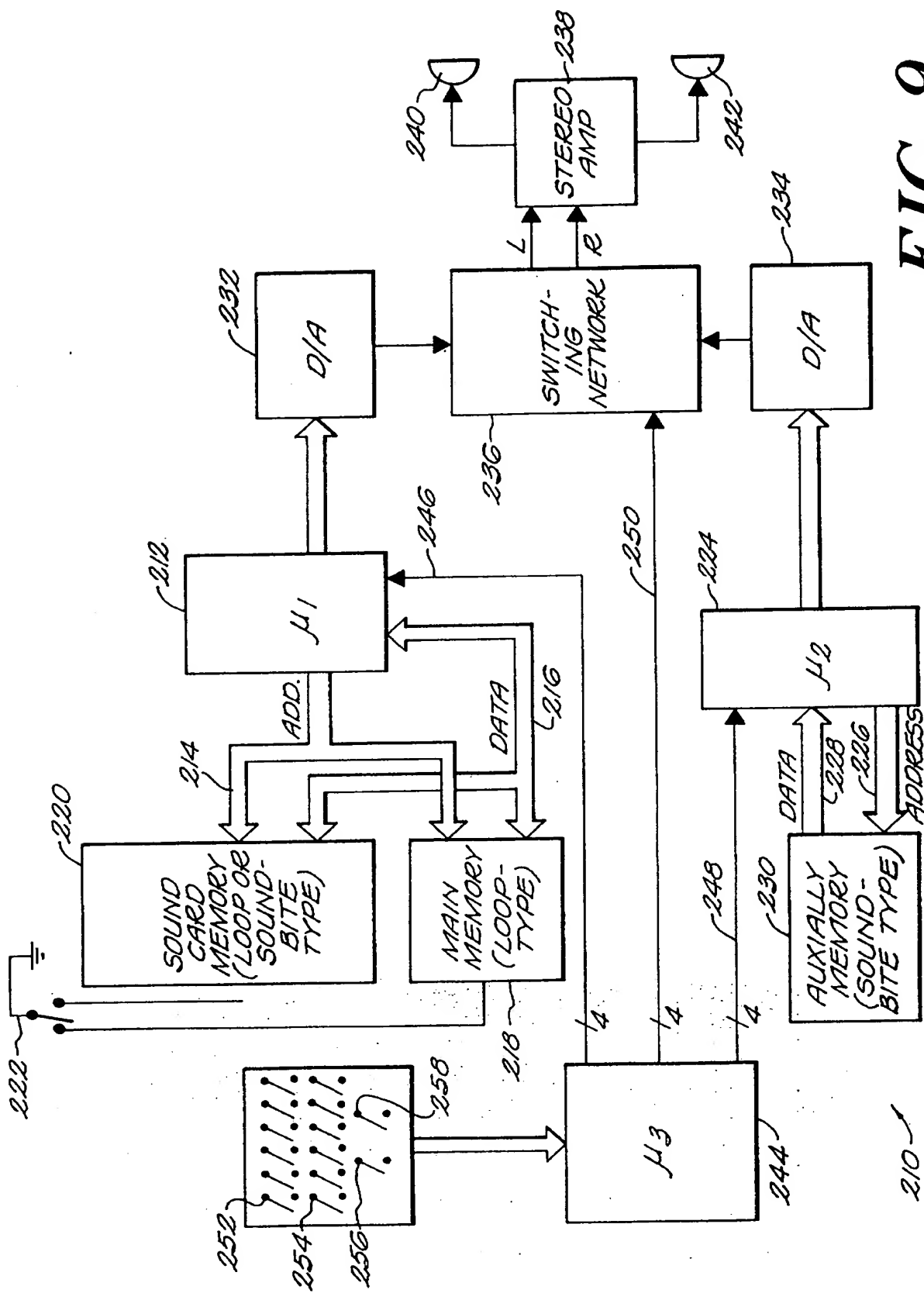


FIG. 9

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graph TD
    BEGIN([BEGIN]) --> WAIT[WAIT FOR BUTTON VALUE 262]
    WAIT --> GPI{VALUE IN GPI? 264}
    GPI -- YES --> COMBINE1{COMBINE? 266}
    COMBINE1 -- YES --> SETSW1[SET SW NETWORK 268]
    SETSW1 --> COMBINEOFF1[COMBINE OFF 270]
    COMBINEOFF1 --> TURNMU1[TURN μ1 ON 276]
    TURNMU1 --> SETINPUT1[SET INPUT LINES ON μ1 278]
    SETINPUT1 --> GPI
    COMBINE1 -- NO --> SETSW2[SET SW NETWORK 272]
    SETSW2 --> TURNMU2[TURN μ2 OFF 274]
    TURNMU2 --> COMBINEOFF1
    GPI -- NO --> GP2{VALUE IN GP2? 280}
    GP2 -- YES --> COMBINE2{COMBINE? 282}
    COMBINE2 -- YES --> SETSW3[SET SW NETWORK 284]
    SETSW3 --> COMBINEOFF2[COMBINE OFF 286]
    COMBINEOFF2 --> TURNMU3[TURN μ2 ON 292]
    TURNMU3 --> SETINPUT2[SET INPUT LINES ON μ2 294]
    SETINPUT2 --> GP2
    COMBINE2 -- NO --> SETSW4[SET SW NETWORK 288]
    SETSW4 --> TURNMU4[TURN μ1 OFF 290]
    TURNMU4 --> COMBINEOFF2
    GP2 -- NO --> COMBINE3{COMBINE? 296}
    COMBINE3 -- YES --> SETCOMBINE[SET COMBINE 298]
    SETCOMBINE --> RETURN1([RETURN])
    COMBINE3 -- NO --> OTHER[OTHER FEATURES 300]
    OTHER --> RETURN2([RETURN])
  
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FIG. 10

FIG. 10